



#4

SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.
001560-308

APPLICATION NO.
08/894,356

APPLICANT
Toshihiko ASHIKARI et al

FILING DATE
August 18, 1997

GROUP
1803

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
0.2	5,349,125	9-20-94	HOLTON et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
0.2	EP 522 880	1-13-94	EUROPEAN				
0.2	JP 6-500239	1-13-94	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

0.2	Kazuki SAITO et al., "Acyltransferases for Lupin Alkaloids in Lupinus Hirsutus", <u>Phytochemistry</u> , Vol. 32, No. 1, pp. 87-91 (1993).
	Jonathan NEGREL et al., "Purification and Properties of Putrescine Hydroxycinnamoyl Transferase from Tobacco (Nicotiana Tabacum) Cell Suspensions", <u>Plant. Physiol.</u> Vol. 98, pp. 1264-1269 (1992).
	Sanua LOTFY et al., "Formation of w-Feruloyloxypalmitic Acid by an Enzyme from Wound-healing Potato Tuber Discs", <u>Phytochemistry</u> , Vol. 35, No. 6, pp. 1419-1424 (1994).
	Samia LOTFY et al., "Partial Purification and Characterization of Hydroxycinnamoyl CoA: Transferases from Apple and Date Fruits", <u>Phytochemistry</u> , Vol. 31, No. 3, pp. 767-772 (1992).
	Veronique LOUIS et al., "Tyramine Hydroxycinnamoyl Transferase in the Roots of Wheat and Barley Seedlings", <u>Phytochemistry</u> , Vol. 30, No. 8, pp. 2519-2522 (1991).
	Dieter STRACK et al., "Quinolizidine Alkaloids and the Enzymatic Synthesis of Their Cinnamic and Hydroxycinnamic Acid Esters in Lupinus Angustifolius and L. Luteus", <u>Phytochemistry</u> , Vol. 30, No. 5, pp. 1493-1498 (1991).
	Colin R. BIRD et al., "Agmatine Coumaroyltransferase from Barley Seedlings", <u>Phytochemistry</u> , Vol. 22, No. 11, pp. 2401-2403 (1983).
	Bernard ULBRICH et al., "Partial Purification and Properties of p-Hydroxycinnamoyl-CoA: Shikimate-p-Hydroxy Cinnamoyl Transferase from Higher Plants", <u>Phytochemistry</u> , Vol. 19, pp. 1625-1629, (1980).
	Timothy A. HOLTON, "Cloning and Expression of Cytochrome P450 genes controlling flower colour", <u>Nature</u> , Vol. 366, pp. 276-279, November 18, 1993.
EXAMINER	<i>[Signature]</i>
DATE CONSIDERED 2/3/99	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

PTO-1449

ATTORNEY'S DKT NO.
001560-308APPLICATION NO.
08/894,356APPLICANT
Toshihiko ASHIKARI et al.FILING DATE
August 18, 1997GROUP
1806 1638

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Oliver DANGLES et al., "Anthocyanin Intramolecular Copigment Effect," Phytochemistry, Vol. 34, pp. 119-124 (1993).

Werner E. GLABGEN et al. "Acylation of Anthocyanins With Hydroxycinnamic Acids via 1-O-Acylglucosides By Protein Preparations From Cell Cultures of *Daucus Carota* L," Planta, Vol. 186, pp. 582-585 (1992).

Toshio GOTO et al., "Structure and Molecular Stacking of Anthocyanins-Flower Color Variation," Angew Chem. Int. Ed. Engl. Vol. 30, pp. 17-33 (1991).

John KAMSTEEG et al., "Identification, Properties and Genetic Control of Hydroxycinnamoyl-coenzyme A: Anthocyanidin 3-rhamnosyl(1-6) Glucoside, 4'''-hydroxycinnamoyl Transferase Isolated from Petals of *Silene dioica*," Biochem. Physiol. Pflanzen Vol. 175, pp. 403-411 (1980).

Marie H. SAYLOR et al, "Hydroxycinnamoyl: Coenzyme A Transferase Involved in the Biosynthesis of Kaempferol-3-(p-coumaroyl Trigluconide) in *Pisum sativum*," Z. Naturforsch. Vol. 32c pp. 765-768, (1977).

Monika TEUSCH et al., "Genetic Control of Hydroxycinnamoyl-Cenzyme A: Anthocyanidin 3-Glycoside-Hydroxycinnamoyltransferase From Petals of *Matthiola Incana*," Phytochemistry, Vol. 26, No. 4, pp. 991-994 (1987).

Kumi Yoshida, "Intramolecular Stacking Conformation of Gentiodelphin, a Diacylated Anthocyanin from *Gentiana Makinoi*," Tetrahedron, Vol. 48, No. 21, pp.4313-4326, (1992).

EXAMINER

DATE CONSIDERED

2/3/99

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.